CDP-C325M/C422M

SERVICE MANUAL

AEP Model
UK Model
E Model
Australian Model

Photo : CDP-C325M

Model Name Using Similar Mechanism	CDP-C225/C325
Optical Pick-up Block Type	BU-5BD8B

SPECIFICATIONS

	CDP-C325M	CDP-C422M
System	Compact disc digital audio system	
Laser	Semiconductor laser (λ = 780 nm) Emission duration: continuous	
Laser output	Max. 44.6 μW* * This output is the value measured at a distance of about 200 mm from the objective lens surface on the Optical Pick-up Block.	
Frequency response	2 Hz – 20 kHz (±0.5 dB)	
Signal to noise ratio	More than 100 dB	
Dynamic range	More than 98 dB	
Harmonic distortion	Less than 0.005% (1 kHz)	
Channel separation	More than 100 dB (1 kHz)	
Wow and flutter	Below measurable limit	
Outputs LINE OUT (phono jacks)	Output level 2 V (at 50 kilohms) Load impedance over 10 kilohms	
HEADPHONES (stereo phone jack)	Output level 0 – 10 mW (variable) (at 32 ohms)	

General

Power requirements	UK, Australian model: 240 V AC, 50/60 Hz AEP, East European model: 220—230 V AC, 50/60 Hz E model: 110 – 120 or 220 – 240 V AC adjustable, 50/60 Hz
Power consumption	12 W
Dimensions (not including projecting parts and controls)	Approx. 355 × 120 × 385 mm (w/h/d) (14 × 4¾ × 15¼ inches)
Weight	Approx. 5.0 kg (11 lbs 01 oz)

Supplied accessories

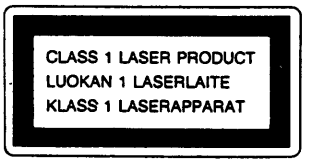
	CDP-C325M	CDP-C422M
Audio signal connecting cord	1 (phono plug × 2 ↔ phono plug × 2)	
Remote commander	1 (RM-D325)	
Sony SUM-3 (NS) batteries	2	

Design and specifications subject to change without notice.

COMPACT DISC PLAYER

SONY

For the United Kingdom and European Countries.



This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic breakdown and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

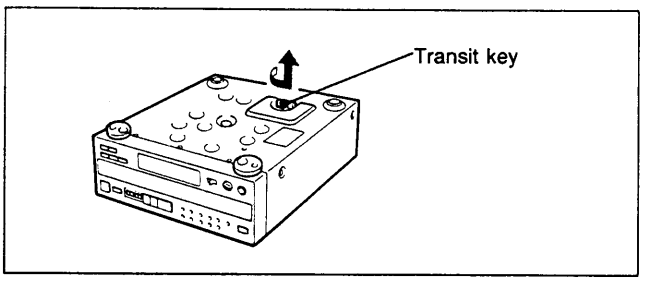
NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30cm away from the objective lens.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

Note on the Transit Key

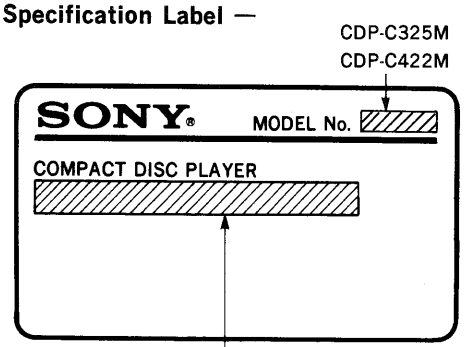


The transit key on the bottom exterior of the unit protects the optical system against shock during transportation. Before operating the CD player, be sure to remove the key by following the instructions on the label, and store it in a safe place.

When transporting the unit, replace the key in its original hole and lock it in place.

MODEL IDENTIFICATION

— Specification Label —



AEP, EE model: AC: 220—230V~50/60Hz
UK, AUS model: AC: 240V~50/60Hz
E model: AC: 110—120, 220—240V~50/60Hz 12W

- AUS: Australian model
  EE : East European model

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs a laser. Therefore, be sure to follow carefully the instructions below when servicing.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

1. Laser Diode Properties
   - Material: GaAlAs
   - Wavelength: 780 nm
   - Emission Duration: continuous
   - Laser Output Power: less than 44.6 μW*

     * This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.

2. During service, do not take the Optical Pick-up Block apart, and do not adjust the APC circuit. If there is a breakdown in the APC circuit (including laser diode), replace the entire Optical Pick-up Block (including APC board).

BESKYTTELSE AF ØJNE MOD LASERSTRÅLING UNDER SERVICE

I dette apparat anvendes laserlys. Derfor skal nedenstående instruktioner nøje følges under service.

Følg iøvrigt instruktionerne i servicemanualen.

ADVARSEL!!

Under service må øjnene ikke komme nær objektiv-linsen på den optiske pick-up enhed. I tilfælde af at det er nødvendigt at kontrollere udsendelsen af laserlys, skal det ske i en afstand af mere end 25 cm fra den optiske pick-up.

1. Laser-didoe data
   - Materiale: GaAlAs
   - Bølgelængde: 780 nm
   - Udstråling: Kontinuerlig
   - Laseroutput: Max. 0,4 mW*

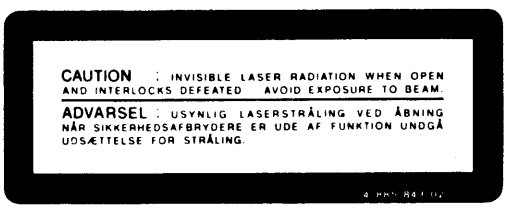
     * Målt i 1,6 mm afstand fra overfladen af objektiv-linsen pa den optiske pick-up enhed.
   - Klassifikation: Klasse IIIb.

2. Adskil aldrig den optiske pick-up enhed under service, og juster ikke APC kredsløbet (Automatic Power Control). Hvis APC kredsløbet (incl. laser-dioden) bryder ned, skal hele den optiske pick-up enhed (incl. APC printkortet) udskiftes.

LASER ADVARSEL MÆRKNING

Følgende mærkning findes indvendig i apparatet:

1. Advarsel Mærkning


CAUTION : INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED AVOID EXPOSURE TO BEAM.
ADVARSEL : USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION UNDGÅ UDSÆTTELSE FOR STRÅLING.

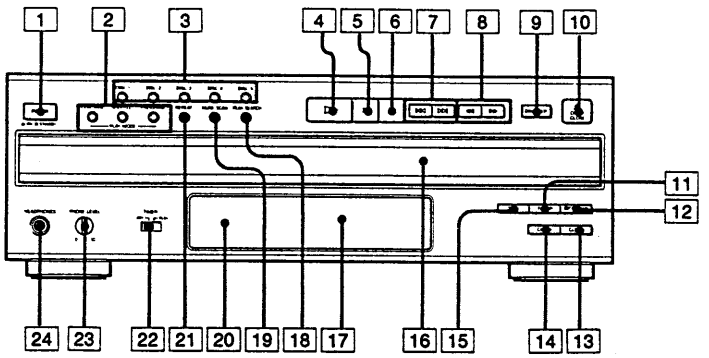
VAROITUS: Laite sisältää, laserdiodin, joka lähettää (näkymätöntä) silmille vaarallista lasersateilyä.

SECTION 1
GENERAL

This section is extracted from instruction manual.

1-1. LOCATION AND CONTROLS

Front Panel

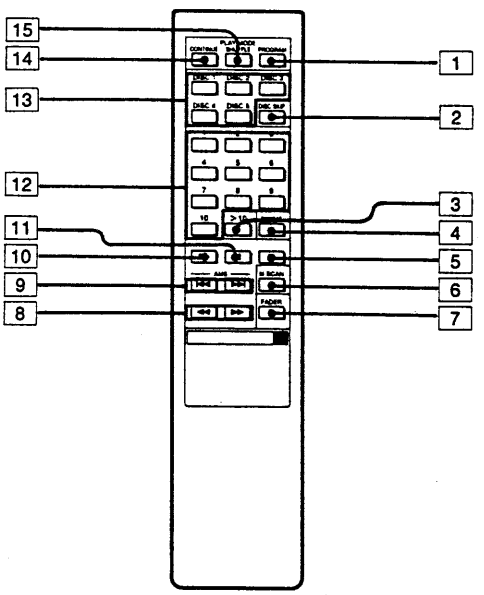


Refer to the pages indicated in ( ) for details.

1 POWER switch (page 18)
2 PLAY MODE buttons
CONTINUE button (page 18)
SHUFFLE button (page 28)
PROGRAM button (page 30)
3 DISC 1-5 buttons (page 18)
4 ► (play) button (page 18)
5 ❚❚ (pause) button (page 18)
6 ■ (stop) button (page 18)
7 I◄◄/►►I (AMS*) buttons (page 24)
8 ◄◄/►► (manual search) buttons (page 26)
9 DISC SKIP button (page 18)
10 ⏏ OPEN/CLOSE button (page 18)
11 FADER button (page 44)
12 EDIT/TIME FADE button (page 36)
13 CLEAR (program clear) button (page 34)
14 CHECK (program check) button (page 34)
15 TIME button (page 22)
16 Disc tray (page 18)
17 Display window
18 PEAK SEARCH button (page 48)
19 MUSIC SCAN button (page 42)
20 Remote sensor (CDP-C325M only)
21 REPEAT button (page 42)
22 TIMER switch (CDP-C325M only) (page 50)
23 PHONE LEVEL control (CDP-C325M only) (page 18)
24 HEADPHONES jack (CDP-C325M only)

* AMS is the abbreviation of Automatic Music Sensor.

Remote Commander



Refer to the pages indicated in ( ) for details.

CDP-C325M only

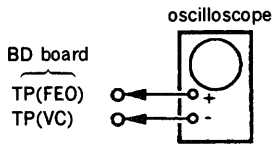
1 PROGRAM button (page 30)
2 DISC SKIP button (page 18)
3 >10 (over 10) button (page 24)
4 REPEAT button (page 42)
5 ■ (stop) button (page 18)
6 MUSIC SCAN button (page 42)
7 FADER button (page 44)
8 ◄◄ ►► (manual search) buttons (page 26)
9 I◄◄ ►►I (AMS) buttons (page 24)
10 ► (play) button (page 18)
10 ❚❚ (pause) button (page 18)
11 Numeric buttons (1-10) (page 24)
13 DISC 1-5 buttons (page 18)
14 CONTINUE button (page 18)
15 SHUFFLE button (page 28)

SECTION 2
ELECTRICAL BLOCK CHECKING

Note :

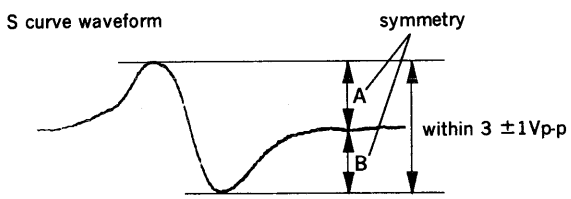
1. CD Block basically constructed to operate without adjustment. Therefore, check each item in order given.
2. Use YEDS-18 disc (3-702-101-01) unless otherwise indicated.
3. Use the oscilloscope with more than 10MΩ impedance.
4. Clean an object lens by an applicator with neutral detergent when the signal level is low than specified value with the following checks.

S Curve Check



Procedure :

1. Connect oscilloscope to test point TP (FEO) on BD board.
2. Connect between test point TP (FES) and TP (VC) by lead wire.
3. Turned Power switch on and actuate the focus serch. (actuate the focus serch when disc table is moving in and out.)
4. Check the oscilloscope waveform (S curve) is symmetrical between A and B. And confirm peak to peak level within 3±1Vp-p.

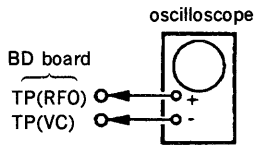


5. After check, remove the lead wire connected in step 2.

Note : • Try to mesure several times to make sure that the ratio of A : B or B : A is more than 10 : 7.

• Take sweep time as long as possible and light up the brightness to obtain best waveform.

RF Level Check

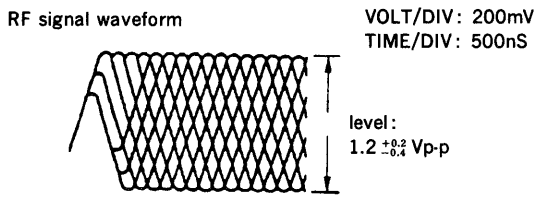


Procedure :

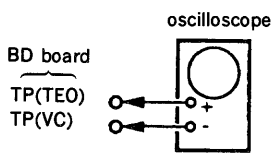
1. Connect oscilloscope to test point TP (RFO) on BD board.
2. Turn Power switch on.
3. Put disc (YEDS-18) in and playback.
4. Confirm that oscilloscope waveform is clear and check RF signal level is correct or not.

Note :

Clear RF signal waveform means that the shape "◇" can be clearly distinguished at the center of the waveform.

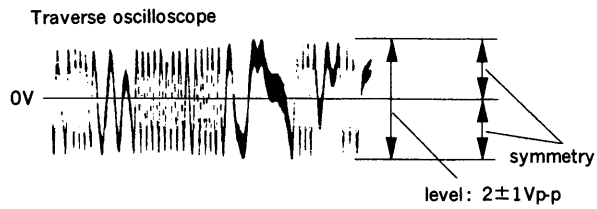


E-F Balance Check



Procedure :

1. Connect test point TP (ADJ) to ground and TP (TES) to TP (VC) with lead wire.
2. Connect oscilloscope to test point TP (TEO) on BD board.
3. Turn Power switch on.
4. Put disc (YEDS-18) in and playback.
5. Confirm that the osilloscope waveform is symmetrical on the top and bottom in relation to 0V, and check this level.

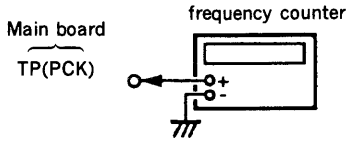


6. Remove the lead wire connected in step 1.

RF PLL Free-run Frequency Check

Procedure :

1. Connect frequency counter to test point (PCK) with lead wire.



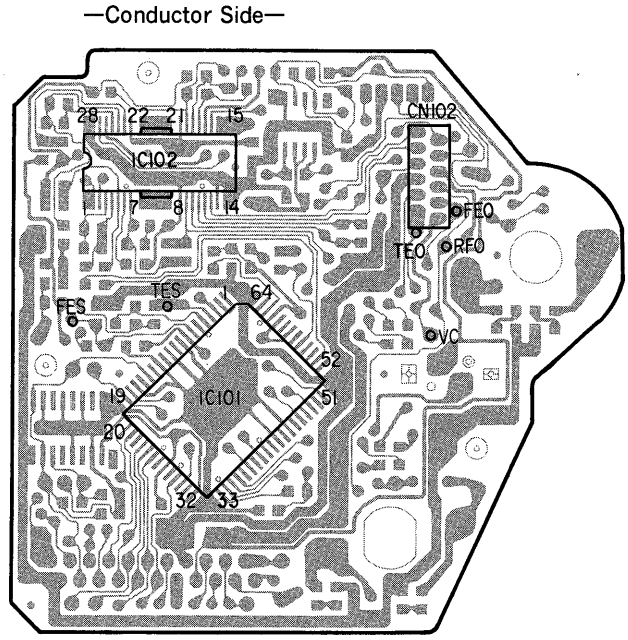
2. Turn Power switch on.
3. Confirm that reading on frequency counter is 4.3218MHz.

Focus/Tracking Gain

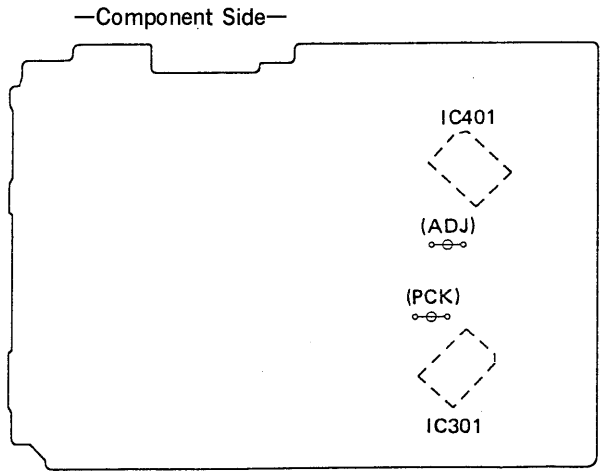
This gain has a margin, so even if it is slightly off.
There is no problem.
Therefore, do not perform, this adjustment.
Please note that it should be fixed to mechanical center position when you moved and do not know original position.

Adjustment Locations :

【BD Board】

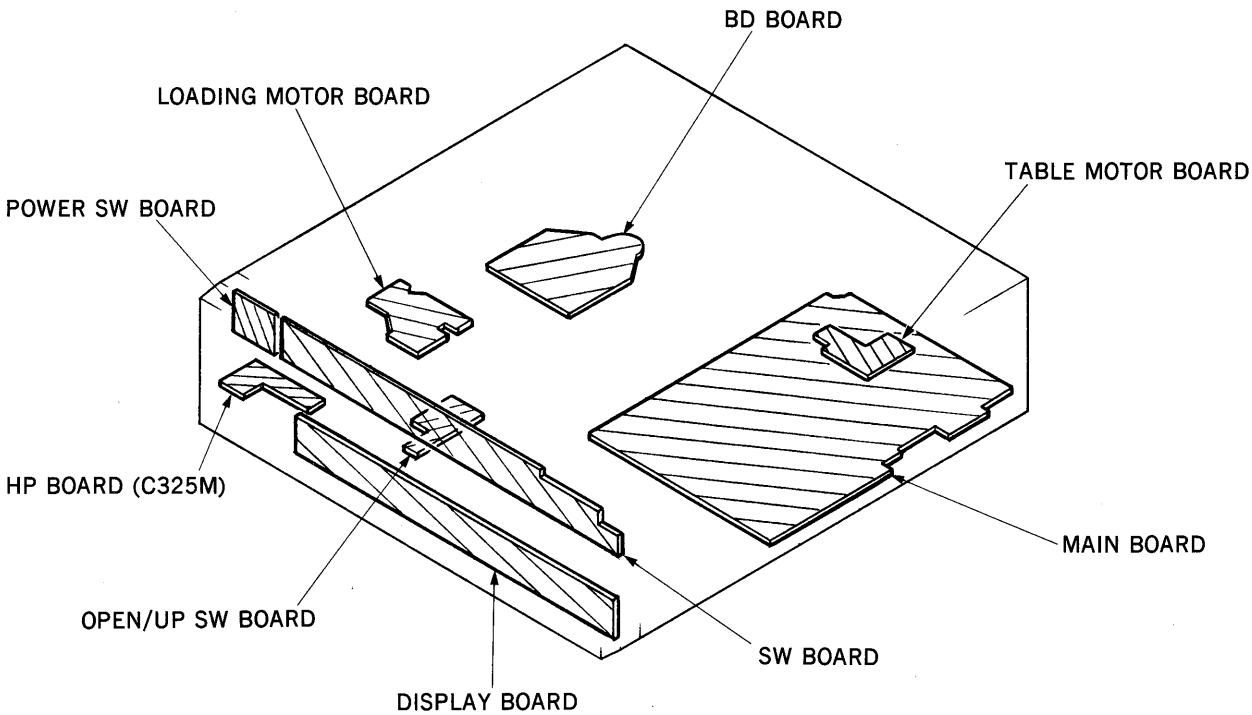


【MAIN Board】



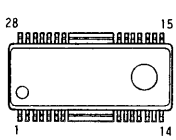
SECTION 3
DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION

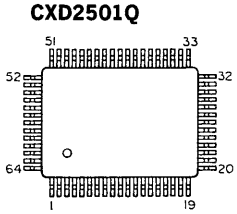


3-2. SEMICONDUCTOR LEAD LAYOUTS

BA6297AFP

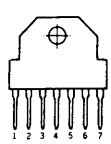


CXD2501Q

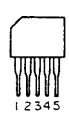


(TOP VIEW)

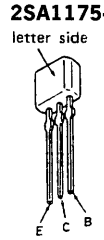
LA5602



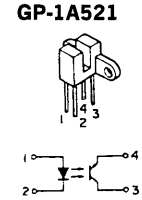
M5293L



2SA1175-HFE

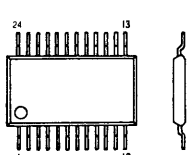


GP-1A521



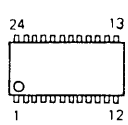
CXA1291P

CXD2560M



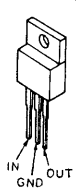
(TOPVIEW)

LA9215

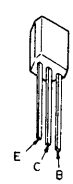


(TOP VIEW)

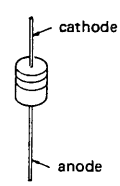
M5F7807L



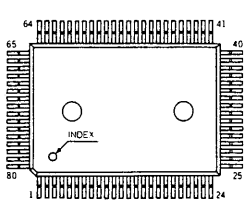
DTA114ES
DTC114ES
DTC144ES



11ES2
1N4148M
RD8.2ES-B2

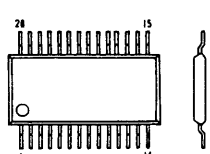


CXD2500AQ
CXP50116-287Q
CXP50120-020Q



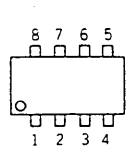
MARKING SIDE VIEW

CXD2561BM



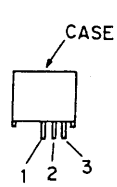
(TOP VIEW)

M5218AP



(TOP VIEW)

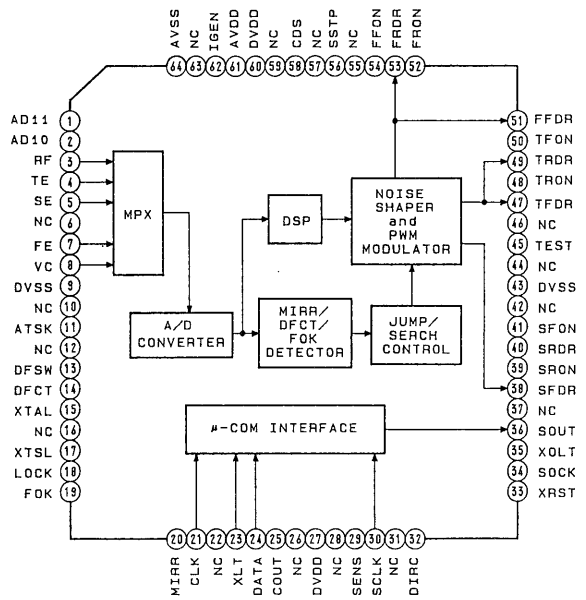
SBX1610-59



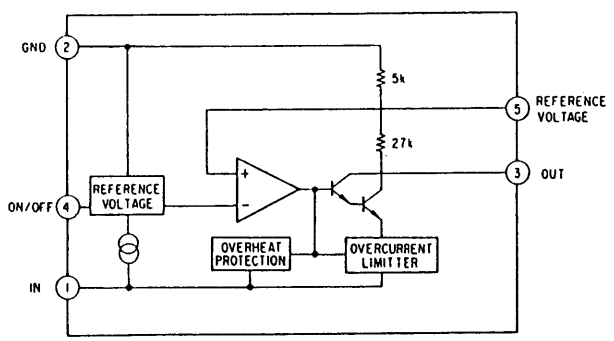
1 = VDD
2 = SIRCS
3 = GND

• IC Block Diagrams

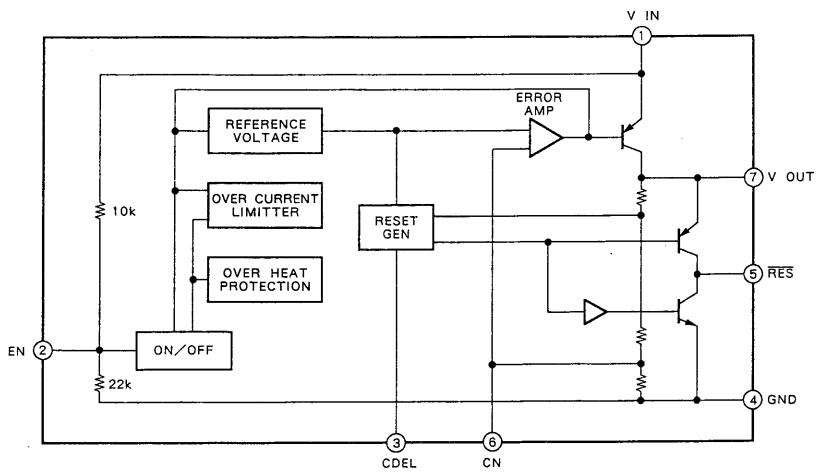
IC101 CXD2501Q



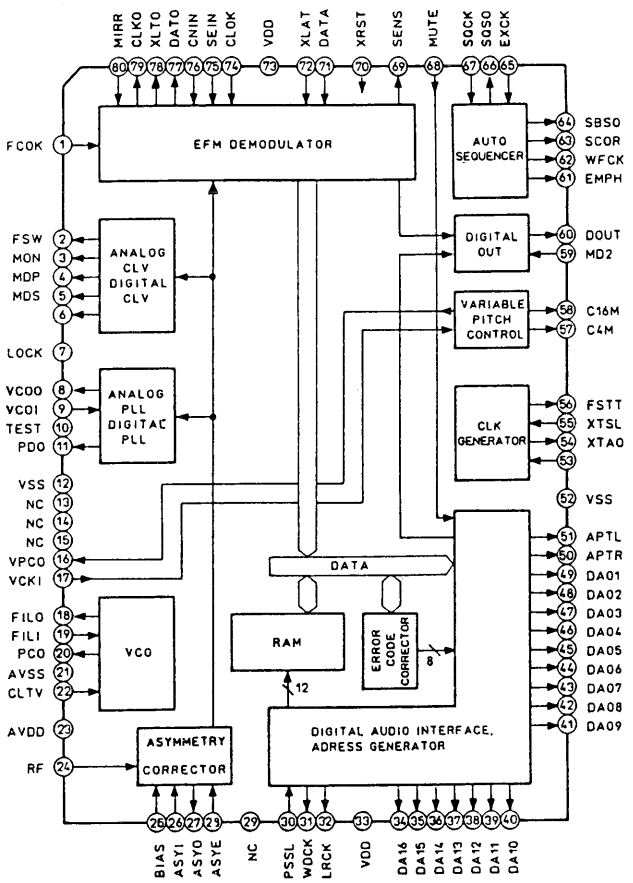
IC201 M5293L



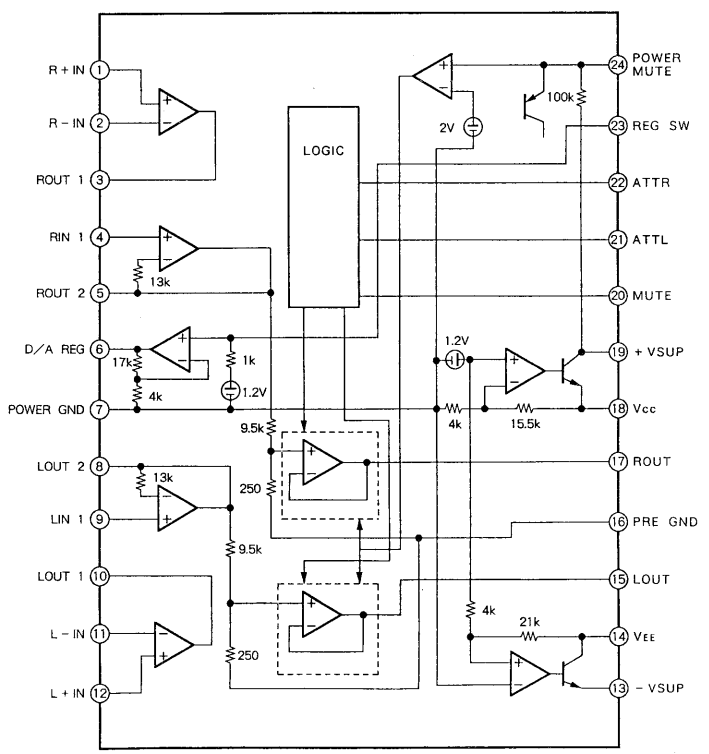
IC202 LA5602



IC301 CXD2500AQ



IC306 LA9215



CDP-C325M/C422M CDP-C325M/C422M

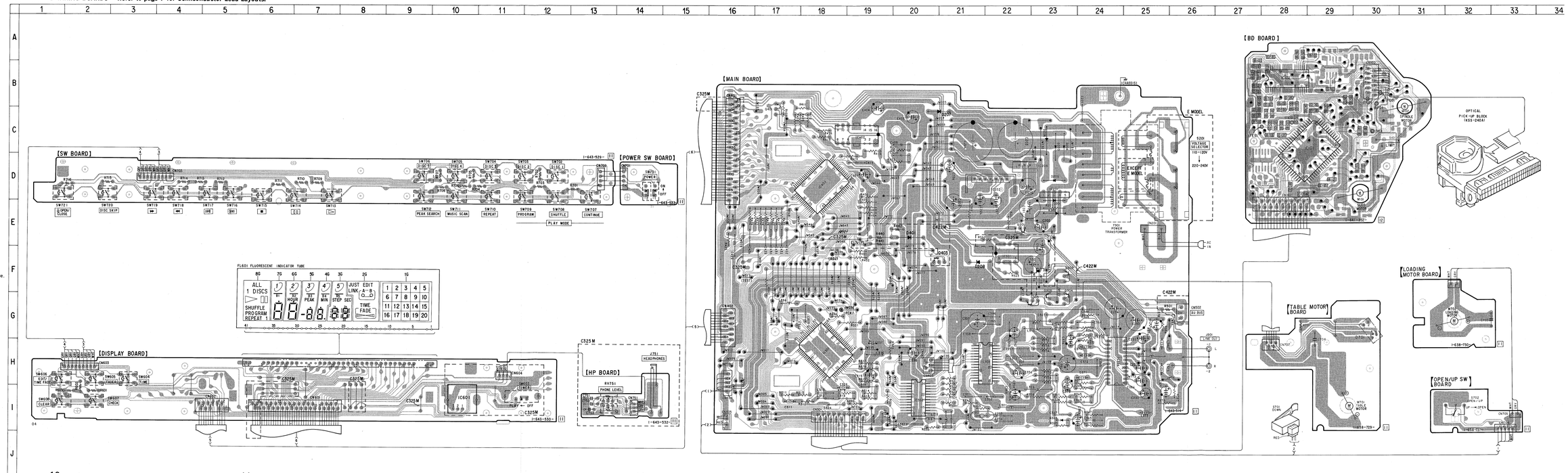
CDP-C325M/C422M CDP-C325M/C422M

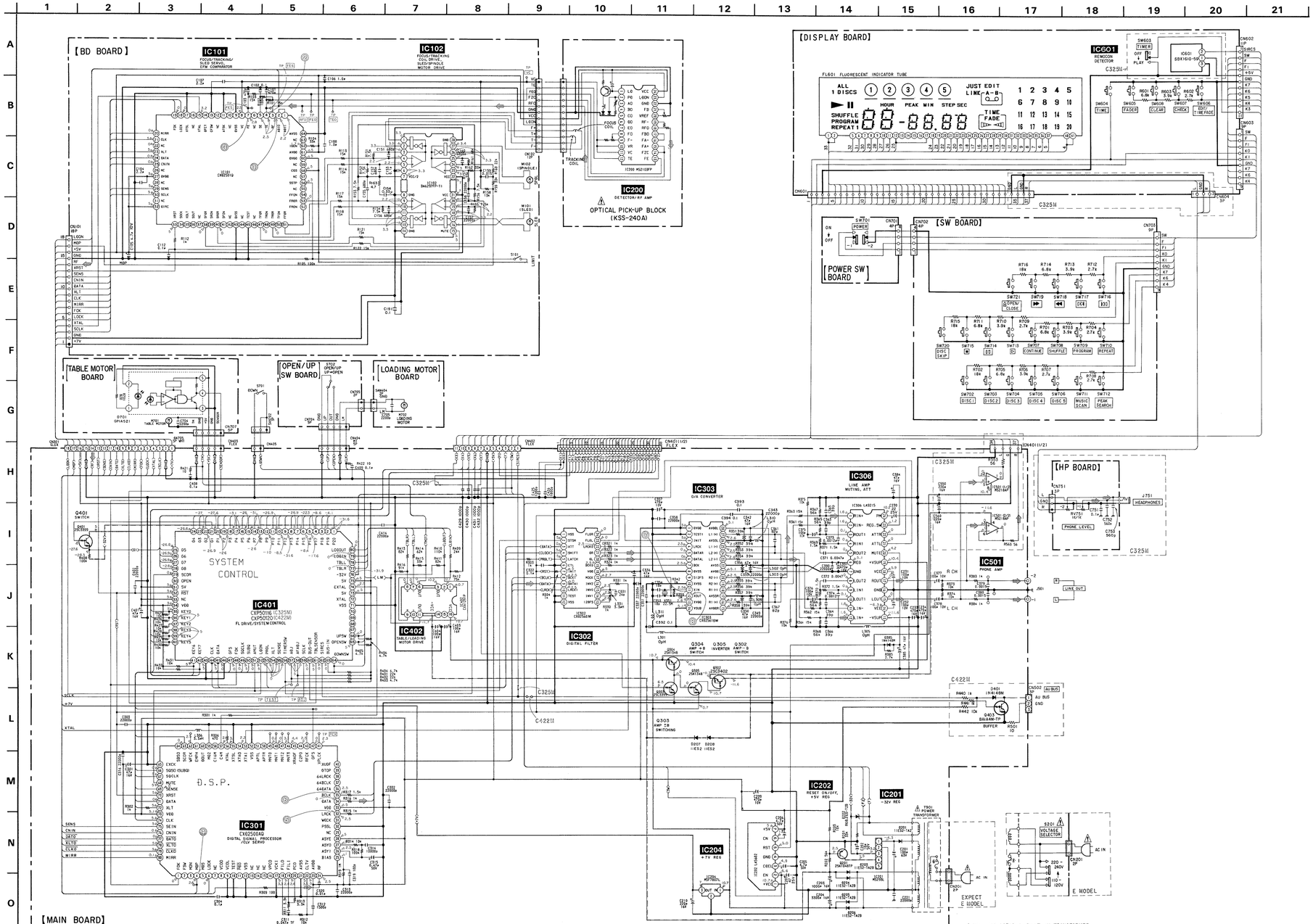
● Semiconductor Location

Ref. No.	Location
D201	D-23
D202	E-23
D203	C-23
D204	C-23
D205	D-23
D206	C-23
D207	C-20
D208	F-21
D385	I-23
D401	E-20
D701	G-30
IC101	C-28
IC102	B-28
IC201	D-23
IC202	D-22
IC204	D-22
IC301	H-18
IC302	I-20
IC303	H-21
IC306	H-24
IC401	D-18
IC402	C-19
IC501	F-22
IC601	I-10
Q201	E-22
Q302	F-23
Q303	G-22
Q304	G-23
Q305	G-23
Q401	C-17
Q403	F-20

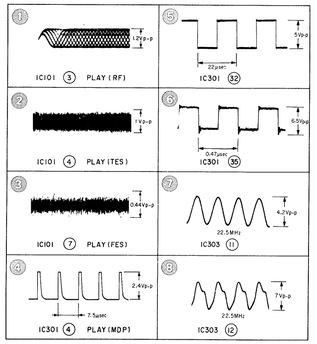
Note:
- ○—○ : parts extracted from the component side.
- ● : Through hole.
- ▒▒ : Pattern on the side which is seen.
- ▒▒ : Pattern of the rear side.

3-3. PRINTED WIRING BOARDS ● Refer to page 7 for Semiconductor Lead Layouts.





• Waveforms


① IC101 ③ PLAY (RF) 1Vp-p
② IC101 ④ PLAY (TES) 1Vp-p
③ IC101 ⑦ PLAY (FES) 0.64Vp-p
④ IC301 ④ PLAY (MDP) 2.4Vp-p 7.5μsec
⑤ IC301 ㉜ 5Vp-p 22μsec
⑥ IC301 ㉟ 6.0Vp-p 5.42μsec
⑦ IC303 ⑪ 4.2Vp-p 22.5MHz
⑧ IC303 ⑫ 7Vp-p 22.5MHz

Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼W or less unless otherwise specified.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

- ▭ : B+ Line
- ▭ : B− Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input Impedance 10MΩ) Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ▭▷ : CD

SECTION 4
EXPLODED VIEWS

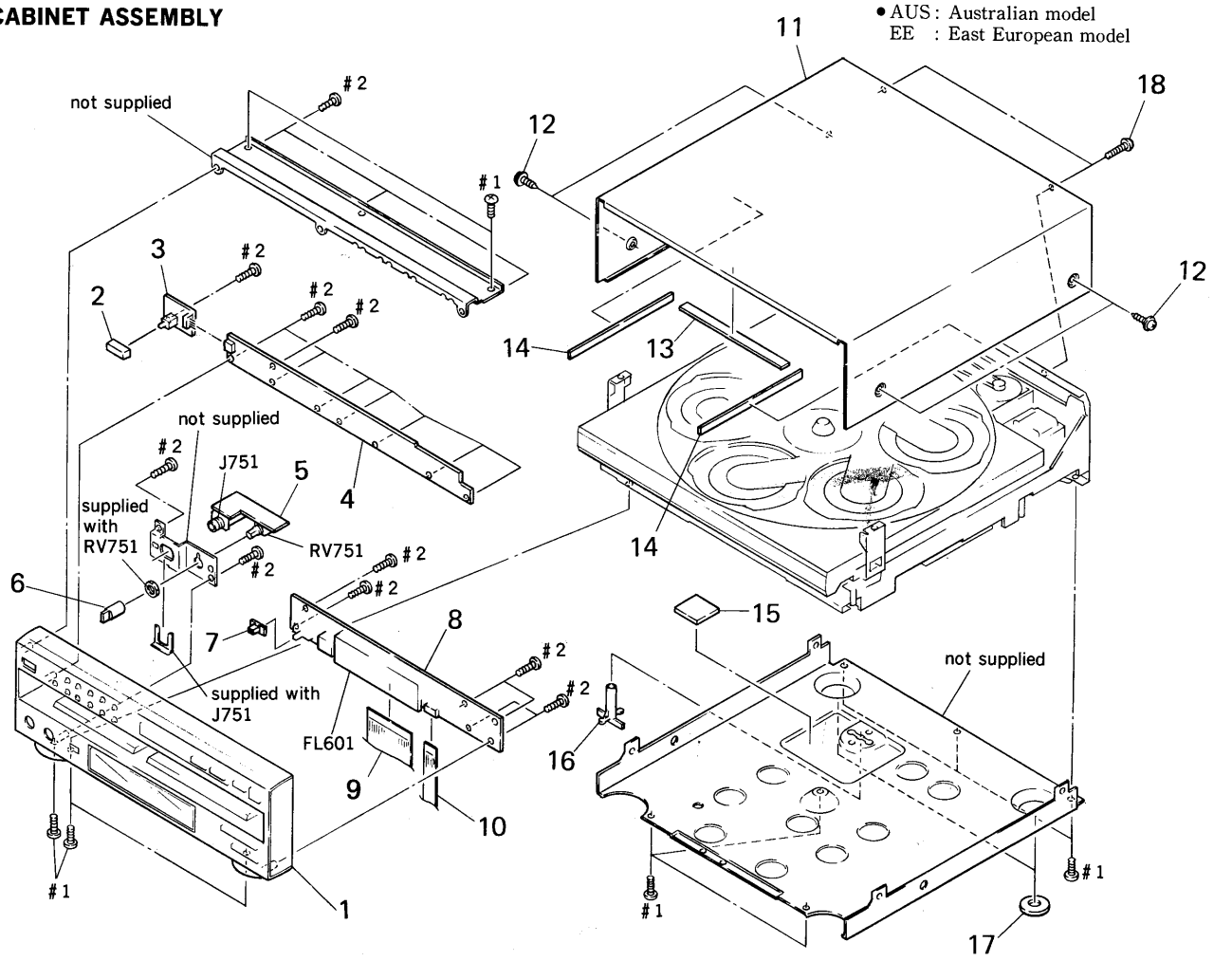
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE)...(RED)
  ↑ Parts Color ↑ Cabinet's Color
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

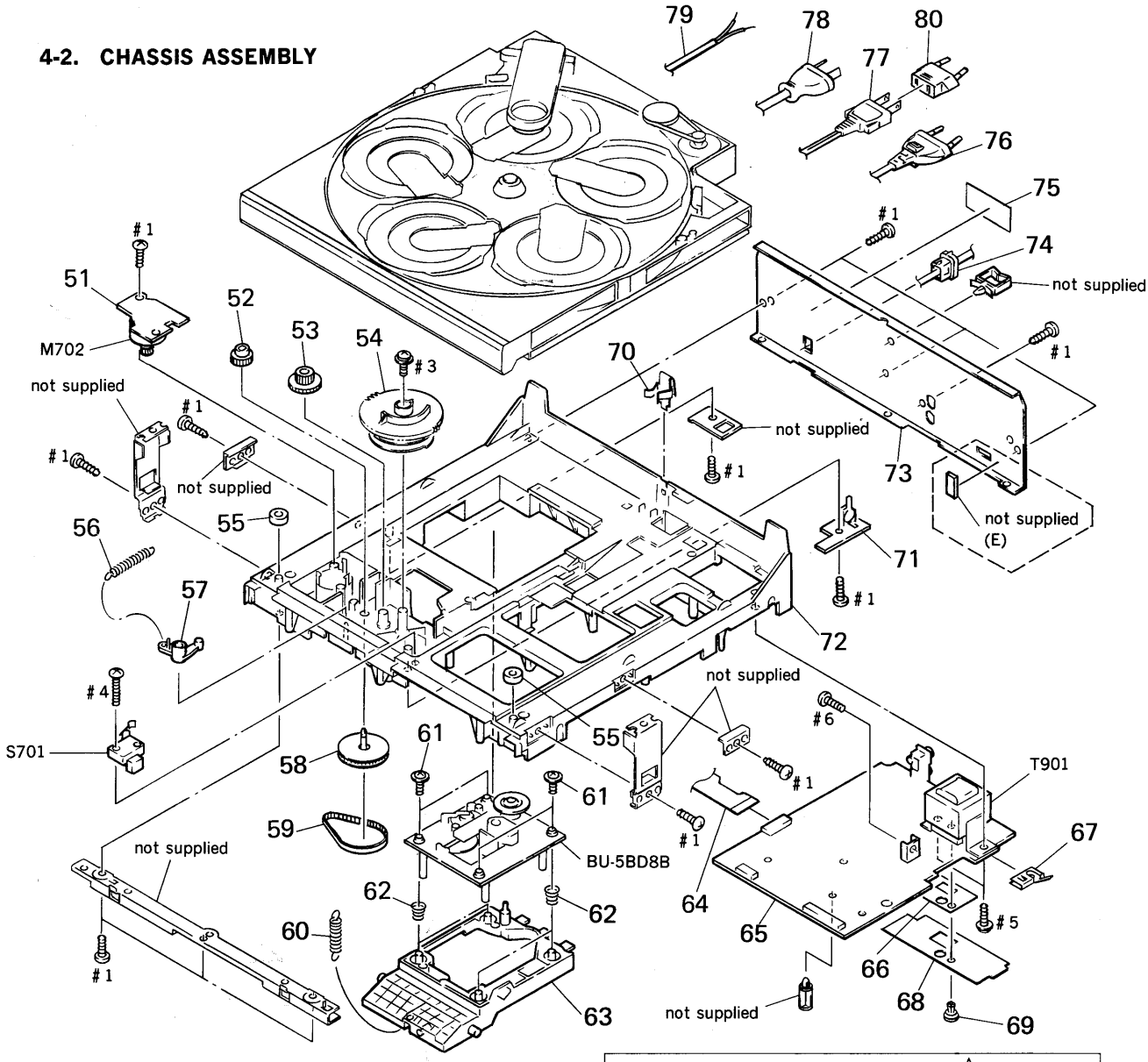
4-1. CABINET ASSEMBLY

- AUS: Australian model
  EE : East European model



Ref. No.	Part No.	Description	Remark
1	X-4942-549-1	PANEL ASSY, FRONT (C325M)	
1	X-4942-550-1	PANEL ASSY, FRONT (C422M)	
2	4-951-115-01	BUTTON (POWER) (C325M)	
2	4-951-115-11	BUTTON (POWER) (C422M)	
* 3	1-643-533-11	POWER SW BOARD	
* 4	1-643-529-11	SW BOARD	
* 5	1-643-532-11	HP BOARD (C325M)	
6	4-922-531-11	KNOB (A TYPE), LOV (C325M)	
7	4-922-518-01	KNOB (TIMER) (C325M)	
* 8	1-643-530-11	DISPLAY BOARD	
9	1-690-847-11	WIRE (FLAT TYPE) (37 CORE)	(C325M)
9	1-690-848-11	WIRE (FLAT TYPE) (33 CORE)	(C422M)
10	1-690-849-11	WIRE (FLAT TYPE) (11 CORE)	
* 11	4-943-992-01	CASE (C325M)	
* 11	4-943-992-11	CASE (C422M)	
12	3-704-366-01	SCREW (CASE) (M3X8)	
* 13	4-929-557-01	CUSHION (PANEL)	
* 14	4-929-561-01	CUSHION (CASE) (C325M)	
* 15	4-951-946-01	SHEET	
16	4-937-945-01	PLATE (TRANSPORT), LOCK	
17	4-924-410-01	FELT	
18	3-703-685-21	SCREW (+BV 3X8)	
FL601	1-519-721-11	INDICATOR TUBE, FLUORESCENT	
J751	1-691-878-11	JACK (LARGE TYPE) (HEAD PHONES)	(C325M)
RV751	1-241-031-11	RES, VAR, CARBON 1K/1K (PHONE LEVEL) (C325M)	

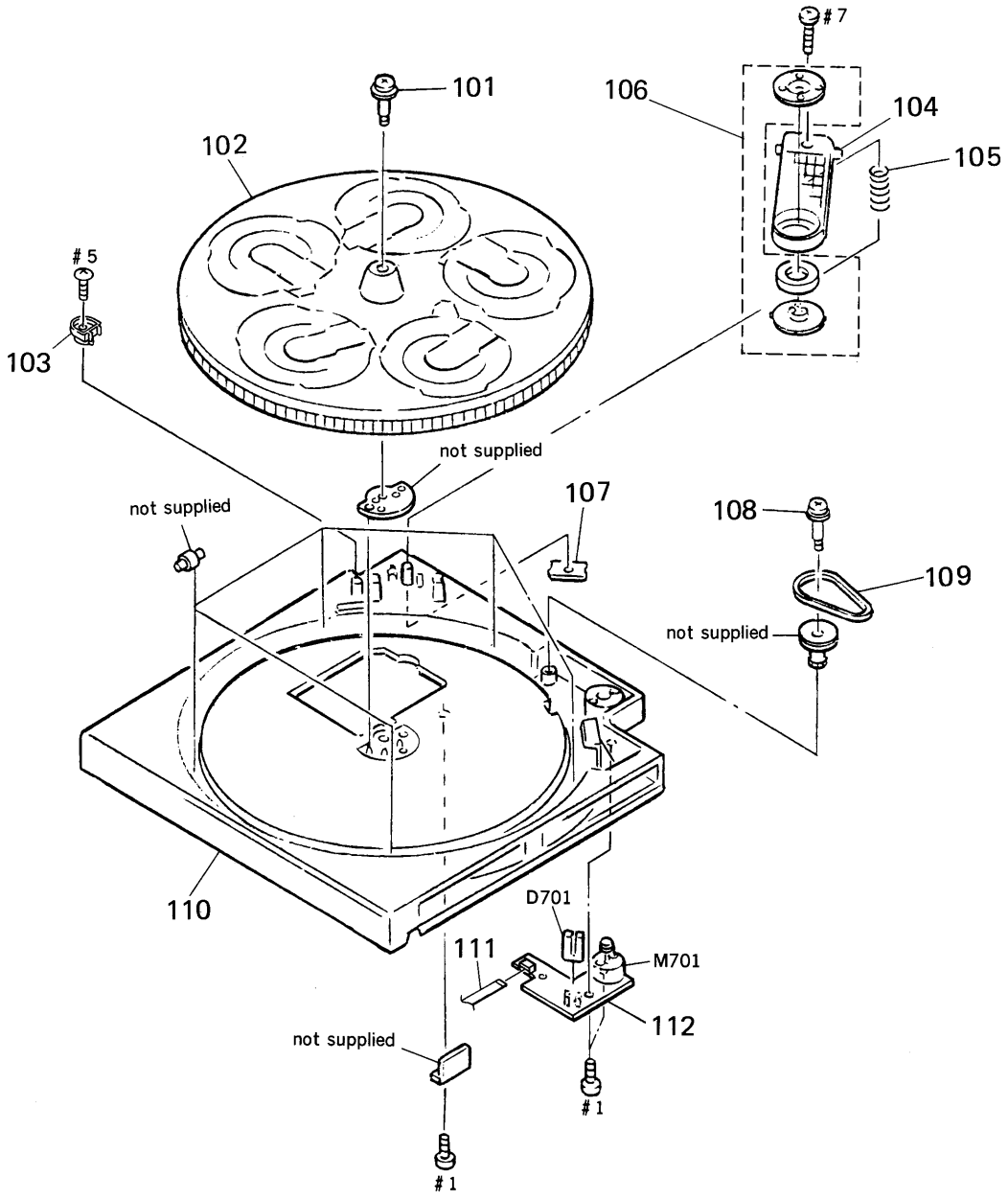
4-2. CHASSIS ASSEMBLY



Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

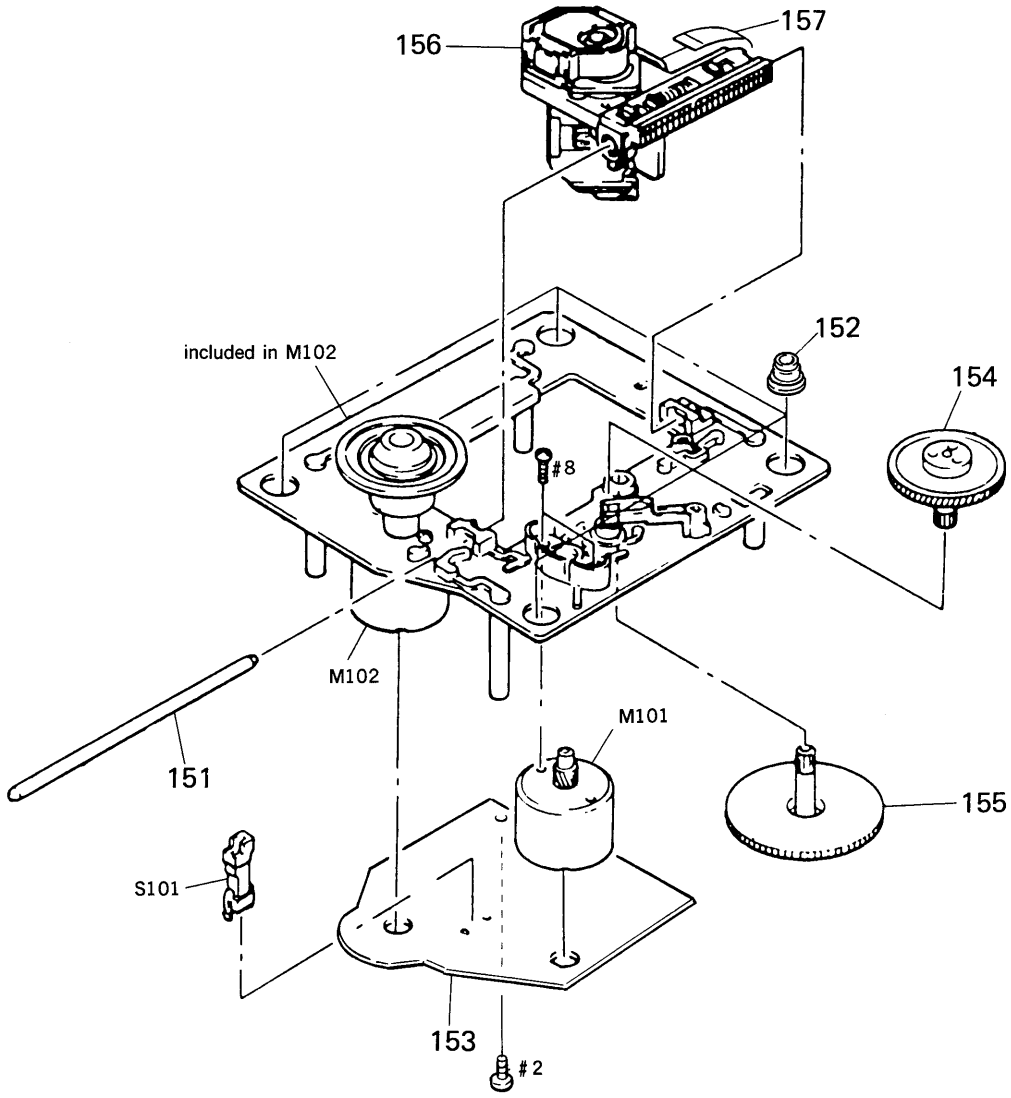
Ref. No.	Part No.	Description	Remark
* 51	1-638-730-11	LOARDING MOTOR BOARD	
52	4-934-375-01	GEAR (LOADING B)	
53	4-934-381-01	GEAR (LOADING C)	
54	4-934-391-01	GEAR (LOADING A)	
* 55	4-951-619-01	CUSHION (A)	
56	4-924-412-01	SPRING (B), TENSION	
57	4-917-519-01	LEVER, SET	
58	X-4941-529-1	PULLEY ASSY	
59	4-944-490-01	BELT (TIMING)	
60	4-937-911-01	SPRING, TENSION	
61	4-933-134-01	SCREW (+PTPWH M2.6X6)	
62	4-949-385-01	SPRING (D), COIL	
* 63	4-934-373-01	BRACKET (BU)	
64	1-694-003-11	JAMPER, FILM (WITH TARMINAL)	
* 65	A-4649-200-A	MAIN BOARD, COMPLETE (C422M:AEP,EE,UK,AUS)	
* 65	A-4649-208-A	MAIN BOARD, COMPLETE (C422M:E)	
* 65	A-4649-209-A	MAIN BOARD, COMPLETE (C325M:AEP,UK,AUS)	
* 65	A-4649-213-A	MAIN BOARD, COMPLETE (C325M:E)	
* 66	4-951-933-01	SHEET, INSULATING (C325M:AEP,UK,AUS)	
* 67	4-944-581-01	PLATE, GROUND	
* 68	4-944-178-01	SHEET (INSULATING)	
69	3-531-576-11	RIVET	
* 70	4-943-996-01	SPRING, LEAF	
* 71	1-638-731-11	OPEN/UP SW BOARD	
* 72	4-943-997-01	CHASSIS	
* 73	4-949-862-01	PANEL, BACK (C325M:AEP)	
* 73	4-949-862-11	PANEL, BACK (C325M:UK,AUS)	
* 73	4-949-862-21	PANEL, BACK (C325M:E)	
* 73	4-949-862-31	PANEL, BACK (C422M:AEP,EE)	
* 73	4-949-862-41	PANEL, BACK (C422M:UK,AUS)	
* 73	4-949-862-51	PANEL, BACK (C422M:E)	
* 74	3-703-244-00	BUSHING (2104), CORD (AEP,EE,UK,AUS)	
* 74	3-703-571-11	BUSHING (S) (4516), CORD (E)	
* 75	4-941-548-01	LABEL, CLASS 1	
⚠76	1-575-651-21	CORD, POWER (AEP,EE)	
⚠77	1-575-653-21	CORD, POWER (E)	
⚠78	1-574-358-11	CORD, POWER (WITH CONNECTOR) (C422M:AUS)	
⚠78	1-574-358-31	CORD, POWER (WITH CONNECTOR) (C325M:AUS)	
⚠79	1-558-946-21	CORD, POWER (C325M:UK)	
⚠79	1-590-379-11	CORD, POWER (C422M:UK)	
⚠80	1-569-007-11	ADAPTER, CONVERSION 2P (C325M:E)	
M702	A-4604-834-A	MOTOR ASSY, LOADING	
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR) (DOWN)	
⚠T901	1-449-955-11	TRANSFORMER, POWER (EXCEPT E)	
⚠T901	1-449-956-11	TRANSFORMER, POWER (E)	

4-3. TRAY ASSEMBLY



Ref. No.	Part No.	Description	Remark
101	4-926-384-01	SCREW, STEP	
* 102	4-926-383-01	TABLE (B), DISK	
* 103	4-949-226-01	PLATE, LOCK	
* 104	4-930-506-02	BRACKET (PRESS PULLEY)	
105	4-926-395-01	SPRING, COMPRESSION	
* 106	1-452-538-11	MAGNET	
* 107	4-926-388-01	BRACKET (ADJUSTMENT)	
108	4-923-597-01	SCREW, STEP	
109	4-926-399-01	BELT	
110	4-951-121-01	TABLE (A), DISK (C325M)	
* 110	4-951-121-11	TABLE (A), DISK (C422M)	
111	1-590-849-11	WIRE, FLAT TYPE (5 CORE)	
* 112	1-638-729-11	TABLE MOTOR BOARD	
D701	8-719-970-19	DIODE GP1A521	
M701	A-4604-585-A	MOTOR ASSY, ROTARY	

4-4. OPTICAL PICK-UP BLOCK (BU-5BD8)



Note : The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
151	4-917-565-01	SHAFT, SLED	
152	4-951-940-01	INSULATOR (BU)	
* 153	A-4649-199-A	BD BOARD, COMPLETE	
154	4-917-567-01	GEAR (M)	
155	4-917-564-01	GEAR (P), FLATNESS	
⚠156	8-848-144-11	DEVICE, OPTICAL KSS-240A	
157	1-575-001-11	WIRE, FLAT TYPE (12 CORE)	
M101	X-4917-504-1	MOTOR ASSY, SLED	
M102	X-4917-523-3	MOTOR ASSY, SPINDLE	
S101	1-572-085-11	SWITCH, LEAF (LIMIT)	

SECTION 5
ELECTRICAL PARTS LIST

BD | DISPLAY | POWER SW | SW

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF : μF
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE : Metal Oxide-film resistor
  F : nonflammable
- COILS
  uH : μH
- SEMICONDUCTORS
  In each case, u : μ, for example :
  uA...: μA..., uPA...: μPA...,
  uPB...: μPB..., uPC...: μPC...,
  uPD...: μPD....

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

- AUS : Australian model
  EE : East European model

Ref. No.	Part No.	Description			Remark
*	A-4649-199-A	BD BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C102	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C103	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C104	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C105	1-135-155-21	TANTALUM CHIP	4.7uF	10%	16V
C106	1-164-346-11	CERAMIC CHIP	1uF		16V
C107	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C108	1-164-346-11	CERAMIC CHIP	1uF		16V
C112	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C151	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C152	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C153	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C154	1-164-336-11	CERAMIC CHIP	0.33uF		25V
C155	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C156	1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C157	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C158	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C159	1-163-023-00	CERAMIC CHIP	0.015uF	5%	50V
C160	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
C181	1-163-038-00	CERAMIC CHIP	0.1uF		25V
		< CONNECTOR >			
CN101	1-568-861-11	SOCKET, CONNECTOR 18P			
CN102	1-568-795-11	SOCKET, CONNECTOR 12P			
		< IC >			
IC101	8-752-344-48	IC CXD2501Q			
IC102	8-759-071-79	IC BA6297AFP			
		< RESISTOR >			
R101	1-216-077-00	METAL CHIP	15K	5%	1/10W
R102	1-216-097-00	METAL CHIP	100K	5%	1/10W
R103	1-216-077-00	METAL CHIP	15K	5%	1/10W
R104	1-216-085-00	METAL CHIP	33K	5%	1/10W
R105	1-216-097-00	METAL CHIP	100K	5%	1/10W
R112	1-216-049-00	METAL CHIP	1K	5%	1/10W
R113	1-216-077-00	METAL CHIP	15K	5%	1/10W
R114	1-216-077-00	METAL CHIP	15K	5%	1/10W
R117	1-216-077-00	METAL CHIP	15K	5%	1/10W
R118	1-216-077-00	METAL CHIP	15K	5%	1/10W
R121	1-216-077-00	METAL CHIP	15K	5%	1/10W
R122	1-216-077-00	METAL CHIP	15K	5%	1/10W
R151	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R152	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R153	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R154	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R155	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R156	1-216-070-00	METAL CHIP	7.5K	5%	1/10W
R157	1-216-085-00	METAL CHIP	33K	5%	1/10W
R158	1-216-076-00	METAL CHIP	13K	5%	1/10W
R159	1-216-085-00	METAL CHIP	33K	5%	1/10W
R160	1-216-081-00	METAL CHIP	22K	5%	1/10W
R161	1-216-093-00	METAL CHIP	68K	5%	1/10W
R162	1-216-085-00	METAL CHIP	33K	5%	1/10W
R163	1-216-308-00	METAL CHIP	4.7	5%	1/10W
		< SWITCH >			
S101	1-572-085-11	SWITCH, LEAF (LIMIT)			
**********					
*	1-643-530-11	DISPLAY BOARD			
		**********			
*	1-643-533-11	POWER SW BOARD			
		**********			
*	1-643-529-11	SW BOARD			
		********			
		< CONNECTOR >			
* CN601	1-691-901-11	SOCKET, CONNECTOR (L TYPE) 33P (C422M)			
* CN601	1-691-902-11	SOCKET, CONNECTOR (L TYPE) 37P (C325M)			
* CN602	1-691-889-11	SOCKET, CONNECTOR (L TYPE) 11P			
* CN604	1-568-941-11	PIN, CONNECTOR 3P (C325M)			
* CN701	1-565-295-11	PLUG, CONNECTOR 4P			
* CN702	1-565-480-11	CONNECTOR, BOARD TO BOARD 4P			
* CN703	1-568-947-11	PIN, CONNECTOR 9P			

DISPLAY | POWER SW | SW | HP | LOADING MOTOR | OPEN/UP SW | TABLE MOTOR

Ref. No.	Part No.	Description	Remark
		< IC >	
IC601	8-741-100-48	IC SBX1610-59 (C325M)	
		< FLUORESCENT INDICATOR >	
FL601	1-519-721-11	INDICATOR TUBE, FLUORESCENT	
		< RESISTOR >	
R601	1-249-427-11	CARBON 6.8K 5% 1/4W	
R602	1-249-422-11	CARBON 2.7K 5% 1/4W	
R603	1-249-424-11	CARBON 3.9K 5% 1/4W	
R701	1-249-427-11	CARBON 6.8K 5% 1/4W	
R702	1-249-432-11	CARBON 18K 5% 1/4W	
R703	1-249-424-11	CARBON 3.9K 5% 1/4W	
R704	1-249-422-11	CARBON 2.7K 5% 1/4W	
R705	1-249-427-11	CARBON 6.8K 5% 1/4W	
R706	1-249-424-11	CARBON 3.9K 5% 1/4W	
R707	1-249-422-11	CARBON 2.7K 5% 1/4W	
R708	1-249-422-11	CARBON 2.7K 5% 1/4W	
R709	1-249-422-11	CARBON 2.7K 5% 1/4W	
R710	1-249-424-11	CARBON 3.9K 5% 1/4W	
R711	1-249-427-11	CARBON 6.8K 5% 1/4W	
R712	1-249-422-11	CARBON 2.7K 5% 1/4W	
R713	1-249-424-11	CARBON 3.9K 5% 1/4W	
R714	1-249-427-11	CARBON 6.8K 5% 1/4W	
R715	1-249-432-11	CARBON 18K 5% 1/4W	
R716	1-249-432-11	CARBON 18K 5% 1/4W	
		< SWITCH >	
SW603	1-570-157-51	SWITCH, SLIDE (TIMER) (C325M)	
SW604	1-554-303-21	SWITCH, TACTILE (TIME)	
SW605	1-554-303-21	SWITCH, TACTILE (FADER)	
SW606	1-554-303-21	SWITCH, TACTILE (EDIT/TIME FADE)	
SW607	1-554-303-21	SWITCH, TACTILE (CHECK)	
SW608	1-554-303-21	SWITCH, TACTILE (CLEAR)	
SW701	1-572-714-11	SWITCH, PUSH (POWER)	
SW702	1-554-303-21	SWITCH, TACTILE (DISC 1)	
SW703	1-554-303-21	SWITCH, TACTILE (DISC 2)	
SW704	1-554-303-21	SWITCH, TACTILE (DISC 3)	
SW705	1-554-303-21	SWITCH, TACTILE (DISC 4)	
SW706	1-554-303-21	SWITCH, TACTILE (DISC 5)	
SW707	1-554-303-21	SWITCH, TACTILE (CONTINUE)	
SW708	1-554-303-21	SWITCH, TACTILE (SHUFFLE)	
SW709	1-554-303-21	SWITCH, TACTILE (PROGRAM)	
SW710	1-554-303-21	SWITCH, TACTILE (REPEAT)	
SW711	1-554-303-21	SWITCH, TACTILE (MUSIC SCAN)	
SW712	1-554-303-21	SWITCH, TACTILE (PEAK SEARCH)	
SW713	1-554-303-21	SWITCH, TACTILE (▷)	
SW714	1-554-303-21	SWITCH, TACTILE (▯▯)	
SW715	1-554-303-21	SWITCH, TACTILE (■)	
SW716	1-554-303-21	SWITCH, TACTILE (⏮)	
SW717	1-554-303-21	SWITCH, TACTILE (⏭)	
SW718	1-554-303-21	SWITCH, TACTILE (◀◀)	
SW719	1-554-303-21	SWITCH, TACTILE (▶▶)	
SW720	1-554-303-21	SWITCH, TACTILE (DISC SKIP)	
SW721	1-554-303-21	SWITCH, TACTILE (⏏OPEN/CLOSE)	
**********			
*	1-643-532-11	HP BOARD (C325M)	
		**********	
		< CAPACITOR >	
C751	1-164-159-11	CERAMIC (C325M) 0.1uF	50V
C752	1-162-291-31	CERAMIC (C325M) 560PF 10%	50V
C753	1-162-291-31	CERAMIC (C325M) 560PF 10%	50V
		< JACK >	
J751	1-691-878-11	JACK (LARGE TYPE) (HEADPHONES) (C325M)	
		< VARIABLE RESISTOR >	
RV751	1-241-031-11	RES, VAR, CARBON 1K/1K (PHONE LEVEL) (C325M)	
**********			
*	1-638-730-11	LOADING MOTOR BOARD	
		**********	
*	1-638-731-11	OPEN/UP SW BOARD	
		**********	
*	1-638-729-11	TABLE MOTOR BOARD	
		**********	
		< CAPACITOR >	
C704	1-161-375-00	CERAMIC 0.0022uF 20%	50V
C705	1-161-375-00	CERAMIC 0.0022uF 20%	50V
		< CONNECTOR >	
* CN705	1-573-383-11	PIN, CONNECTOR (PC BOARD) 2P	
* CN707	1-573-044-11	SOCKET, CONNECTOR 5P	
		< DIODE >	
D701	8-719-970-19	DIODE GP1A521	
		< RESISTOR >	
R701	1-249-416-11	CARBON 820 5%	1/4W

LOADING MOTOR | **OPEN/UP SW** | **TABLE MOTOR** | **MAIN**

Ref. No.	Part No.	Description			Remark
		< SWITCH >			
S702	1-571-300-21	SWITCH, ROTARY (OPEN/UP)			
**********					
*	A-4649-200-A	MAIN BOARD, COMPLETE (C422M:AEP, EE, UK, AUS)			
*	A-4649-208-A	MAIN BOARD, COMPLETE (C422M:E)			
*	A-4649-209-A	MAIN BOARD, COMPLETE (C325M:AEP, UK, AUS)			
*	A-4649-213-A	MAIN BOARD, COMPLETE (C325M:E)			
		**********			
	7-682-548-04	SCREW +BVTT 3X8 (S)			
		< CAPACITOR >			
C201	1-124-572-11	ELECT	100uF	20%	63V
C202	1-126-059-11	ELECT	10uF	20%	50V
C203	1-124-360-00	ELECT	1000uF	20%	16V
C204	1-124-887-00	ELECT	3300uF	20%	16V
C205	1-126-163-11	ELECT	4.7uF	20%	50V
C206	1-126-163-11	ELECT	4.7uF	20%	50V
C207	1-124-910-11	ELECT	47uF	20%	50V
C209	1-124-997-11	ELECT	470uF	20%	10V
C210	1-126-024-11	ELECT	220uF	20%	16V
C221	1-161-494-00	CERAMIC	0.022uF		25V
C230	1-126-049-11	ELECT	22uF	20%	25V
C231	1-124-994-11	ELECT	100uF	20%	10V
C232	1-124-994-11	ELECT	100uF	20%	10V
C233	1-126-012-11	ELECT	470uF	20%	16V
C234	1-126-012-11	ELECT	470uF	20%	16V
C301	1-126-022-11	ELECT	47uF	20%	16V
C302	1-161-494-00	CERAMIC	0.022uF		25V
C303	1-161-494-00	CERAMIC	0.022uF		25V
C304	1-164-159-11	CERAMIC	0.1uF		50V
C311	1-130-491-00	MYLAR	0.047uF	5%	50V
C312	1-161-374-11	CERAMIC	0.0015uF	20%	50V
C313	1-161-494-00	CERAMIC	0.022uF		25V
C314	1-162-306-11	CERAMIC	0.01uF	20%	16V
C315	1-126-300-11	ELECT	0.47uF	20%	50V
C316	1-161-494-00	CERAMIC	0.022uF		25V
C319	1-162-282-31	CERAMIC	100PF	10%	50V
C320	1-130-483-00	MYLAR	0.01uF	5%	50V
C322	1-164-159-11	CERAMIC	0.1uF		50V
C331	1-162-208-31	CERAMIC	24PF	5%	50V
C336	1-126-022-11	ELECT	47uF	20%	16V
C337	1-161-494-00	CERAMIC	0.022uF		25V
C342	1-126-022-11	ELECT	47uF	20%	16V
C343	1-161-494-00	CERAMIC	0.022uF		25V
C349	1-161-494-00	CERAMIC	0.022uF		25V
C350	1-126-022-11	ELECT	47uF	20%	16V
C351	1-161-494-00	CERAMIC	0.022uF		25V
C353	1-162-205-31	CERAMIC	18PF	5%	50V
C354	1-162-205-31	CERAMIC	18PF	5%	50V
C355	1-161-494-00	CERAMIC	0.022uF		25V
C356	1-126-022-11	ELECT	47uF	20%	16V
C357	1-124-997-11	ELECT	470uF	20%	10V
C358	1-161-494-00	CERAMIC	0.022uF		25V
C361	1-162-280-31	CERAMIC	82PF	10%	50V
C363	1-162-213-31	CERAMIC	39PF	5%	50V
C364	1-162-213-31	CERAMIC	39PF	5%	50V
C365	1-162-213-31	CERAMIC	39PF	5%	50V
C366	1-162-213-31	CERAMIC	39PF	5%	50V
C367	1-162-280-31	CERAMIC	82PF	10%	50V
C371	1-130-479-00	MYLAR	0.0047uF	5%	50V
C372	1-130-479-00	MYLAR	0.0047uF	5%	50V
C373	1-130-472-00	MYLAR	0.0012uF	5%	50V
C374	1-130-472-00	MYLAR	0.0012uF	5%	50V
C375	1-124-994-11	ELECT	100uF	20%	10V
C376	1-124-994-11	ELECT	100uF	20%	10V
C377	1-124-994-11	ELECT	100uF	20%	10V
C378	1-124-994-11	ELECT	100uF	20%	10V
C379	1-130-473-00	MYLAR	0.0015uF	5%	50V
C380	1-130-473-00	MYLAR	0.0015uF	5%	50V
C384	1-126-022-11	ELECT	47uF	20%	16V
C385	1-126-022-11	ELECT	47uF	20%	16V
C390	1-161-494-00	CERAMIC	0.022uF		25V
C391	1-124-997-11	ELECT	470uF	20%	10V
C392	1-164-159-11	CERAMIC	0.1uF		50V
C393	1-164-159-11	CERAMIC	0.1uF		50V
C394	1-164-159-11	CERAMIC	0.1uF		50V
C401	1-126-022-11	ELECT	47uF	20%	16V
C402	1-161-494-00	CERAMIC	0.022uF		25V
C403	1-126-023-11	ELECT	100uF	20%	16V
C404	1-126-023-11	ELECT	100uF	20%	16V
C408	1-164-159-11	CERAMIC	0.1uF		50V
C409	1-164-159-11	CERAMIC	0.1uF		50V
C414	1-161-494-00	CERAMIC	0.022uF		25V
C425	1-162-294-31	CERAMIC	0.001uF	10%	50V
C426	1-162-294-31	CERAMIC	0.001uF	10%	50V
C429	1-162-294-31	CERAMIC	0.001uF	10%	50V
C430	1-162-294-31	CERAMIC	0.001uF	10%	50V
C431	1-162-294-31	CERAMIC	0.001uF	10%	50V
C432	1-162-294-31	CERAMIC	0.001uF	10%	50V
C550	1-126-024-11	ELECT (C325M)	220uF	20%	16V
C560	1-126-024-11	ELECT (C325M)	220uF	20%	16V
		< CONNECTOR >			
* CN201	1-573-047-11	PIN, CONNECTOR (PC BOARD) 2P			

MAIN

Ref. No.	Part No.	Description	Remark
* CN301	1-691-895-11	SOCKET, CONNECTOR (L TYPE) 18P	
* CN401	1-691-901-11	SOCKET, CONNECTOR (L TYPE) 33P	(C422M)
* CN401	1-691-902-11	SOCKET, CONNECTOR (L TYPE) 37P	(C325M)
* CN402	1-691-889-11	SOCKET, CONNECTOR (L TYPE) 11P	
* CN403	1-568-824-11	SOCKET, CONNECTOR 5P	
* CN404	1-568-943-11	PIN, CONNECTOR 5P	
* CN502	1-565-561-11	PIN, CONNECTOR 3P (AU BUS)	(C422M)
		< DIODE >	
D201	8-719-200-82	DIODE 11ES2	
D202	8-719-110-08	DIODE RD8.2ES-B2	
D203	8-719-200-82	DIODE 11ES2	
D204	8-719-200-82	DIODE 11ES2	
D205	8-719-200-82	DIODE 11ES2	
D206	8-719-200-82	DIODE 11ES2	
D207	8-719-200-82	DIODE 11ES2	
D208	8-719-200-82	DIODE 11ES2	
D385	8-719-987-63	DIODE 1N4148M	
D401	8-719-987-63	DIODE 1N4148M	(C422M)
		< IC >	
IC201	8-759-633-42	IC M5293L	
IC202	8-759-061-65	IC LA5602	
IC204	8-759-604-86	IC M5F7807L	
IC301	8-752-337-26	IC CXD2500AQ	
IC302	8-752-342-65	IC CXD2560M	
IC303	8-752-351-19	IC CXD2561BM	
IC306	8-759-061-66	IC LA9215	
IC401	8-752-837-03	IC CXP50120-020Q	(C422M)
IC401	8-752-837-01	IC CXP50116-287Q	(C325M)
IC402	8-759-821-32	IC CXA1291P	
IC501	8-759-634-51	IC M5218AP	(C325M)
		< JACK >	
J501	1-569-442-11	JACK, PIN 2P (LINE OUT)	
		< COIL >	
L301	1-412-473-21	INDUCTOR 0uH	
L302	1-412-473-21	INDUCTOR 0uH	
L303	1-412-473-21	INDUCTOR 0uH	
L305	1-412-473-21	INDUCTOR 0uH	
L306	1-412-297-11	INDUCTOR 3.3uH	
L309	1-412-473-21	INDUCTOR 0uH	
L310	1-412-473-21	INDUCTOR 0uH	
L311	1-412-473-21	INDUCTOR 0uH	
L331	1-412-297-11	INDUCTOR 3.3uH	

Ref. No.	Part No.	Description	Remark
		< TRANSISTOR >	
Q201	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q302	8-729-900-80	TRANSISTOR DTC114ES	
Q303	8-729-900-89	TRANSISTOR DTC144ES	
Q304	8-729-900-61	TRANSISTOR DTA114ES	
Q305	8-729-900-61	TRANSISTOR DTA114ES	
Q401	8-729-900-89	TRANSISTOR DTC144ES	
Q403	8-729-900-80	TRANSISTOR DTC114ES	(C422M)
		< RESISTOR >	
R201	1-249-435-11	CARBON 33K 5% 1/4W	
R202	1-249-438-11	CARBON 56K 5% 1/4W	
R203	1-249-429-11	CARBON 10K 5% 1/4W	
R301	1-249-417-11	CARBON 1K 5% 1/4W	
R302	1-249-417-11	CARBON 1K 5% 1/4W	
R303	1-249-417-11	CARBON 1K 5% 1/4W	
R304	1-249-417-11	CARBON 1K 5% 1/4W	
R306	1-249-413-11	CARBON 470 5% 1/4W	
R309	1-249-405-11	CARBON 100 5% 1/4W	
R311	1-249-423-11	CARBON 3.3K 5% 1/4W	
R312	1-249-429-11	CARBON 10K 5% 1/4W	
R313	1-249-423-11	CARBON 3.3K 5% 1/4W	
R314	1-249-429-11	CARBON 10K 5% 1/4W	
R315	1-249-417-11	CARBON 1K 5% 1/4W	
R316	1-249-417-11	CARBON 1K 5% 1/4W	
R317	1-249-419-11	CARBON 1.5K 5% 1/4W	
R318	1-249-441-11	CARBON 100K 5% 1/4W	
R319	1-247-903-00	CARBON 1M 5% 1/4W	
R321	1-249-417-11	CARBON 1K 5% 1/4W	
R322	1-249-417-11	CARBON 1K 5% 1/4W	
R323	1-249-417-11	CARBON 1K 5% 1/4W	
R324	1-249-417-11	CARBON 1K 5% 1/4W	
R330	1-249-417-11	CARBON 1K 5% 1/4W	
R331	1-249-417-11	CARBON 1K 5% 1/4W	
R342	1-249-417-11	CARBON 1K 5% 1/4W	
R351	1-249-436-11	CARBON 39K 5% 1/4W	
R352	1-249-436-11	CARBON 39K 5% 1/4W	
R353	1-249-436-11	CARBON 39K 5% 1/4W	
R354	1-249-436-11	CARBON 39K 5% 1/4W	
R355	1-249-436-11	CARBON 39K 5% 1/4W	
R356	1-249-436-11	CARBON 39K 5% 1/4W	
R357	1-249-436-11	CARBON 39K 5% 1/4W	
R358	1-249-436-11	CARBON 39K 5% 1/4W	
R359	1-247-903-00	CARBON 1M 5% 1/4W	
R361	1-249-431-11	CARBON 15K 5% 1/4W	
R362	1-249-431-11	CARBON 15K 5% 1/4W	
R363	1-249-431-11	CARBON 15K 5% 1/4W	
R364	1-249-431-11	CARBON 15K 5% 1/4W	

Ref. No.	Part No.	Description				Remark
R365	1-249-438-11	CARBON	56K	5%	1/4W	
R366	1-249-438-11	CARBON	56K	5%	1/4W	
R367	1-249-438-11	CARBON	56K	5%	1/4W	
R368	1-249-438-11	CARBON	56K	5%	1/4W	
R369	1-249-419-11	CARBON	1.5K	5%	1/4W	
R370	1-249-419-11	CARBON	1.5K	5%	1/4W	
R371	1-249-419-11	CARBON	1.5K	5%	1/4W	
R372	1-249-419-11	CARBON	1.5K	5%	1/4W	
R373	1-249-429-11	CARBON	10K	5%	1/4W	
R374	1-249-429-11	CARBON	10K	5%	1/4W	
R375	1-249-429-11	CARBON	10K	5%	1/4W	
R376	1-249-429-11	CARBON	10K	5%	1/4W	
R383	1-249-417-11	CARBON	1K	5%	1/4W	
R384	1-249-417-11	CARBON	1K	5%	1/4W	
R385	1-249-422-11	CARBON	2.7K	5%	1/4W	
R401	1-249-433-11	CARBON	22K	5%	1/4W	
R402	1-249-433-11	CARBON	22K	5%	1/4W	
R403	1-249-425-11	CARBON	4.7K	5%	1/4W	
R404	1-249-425-11	CARBON	4.7K	5%	1/4W	
R405	1-249-425-11	CARBON	4.7K	5%	1/4W	
R406	1-249-425-11	CARBON	4.7K	5%	1/4W	
R408	1-249-441-11	CARBON	100K	5%	1/4W	
R409	1-247-864-11	CARBON	24K	5%	1/4W	
R410	1-247-880-11	CARBON	110K	5%	1/4W	
R411	1-249-440-11	CARBON	82K	5%	1/4W	
R412	1-247-876-11	CARBON	75K	5%	1/4W	
R413	1-249-440-11	CARBON	82K	5%	1/4W	
R414	1-247-874-11	CARBON	62K	5%	1/4W	
R415	1-249-435-11	CARBON	33K	5%	1/4W	
R416	1-247-878-00	CARBON	91K	5%	1/4W	
R421	1-249-393-11	CARBON	10	5%	1/4W	
R422	1-249-393-11	CARBON	10	5%	1/4W	
R425	1-249-429-11	CARBON	10K	5%	1/4W	
R426	1-249-429-11	CARBON	10K	5%	1/4W	
R427	1-249-429-11	CARBON	10K	5%	1/4W	
R428	1-249-429-11	CARBON	10K	5%	1/4W	
R429	1-249-429-11	CARBON	10K	5%	1/4W	
R430	1-249-429-11	CARBON	10K	5%	1/4W	
R431	1-249-429-11	CARBON	10K	5%	1/4W	
R432	1-249-429-11	CARBON	10K	5%	1/4W	
R440	1-249-417-11	CARBON	1K	5%	1/4W	(C422M)
R441	1-249-417-11	CARBON	1K	5%	1/4W	(C422M)
R442	1-249-429-11	CARBON	10K	5%	1/4W	(C422M)
R501	1-249-393-11	CARBON	10	5%	1/4W	(C422M)
R553	1-249-402-11	CARBON	56	5%	1/4W	(C325M)
R563	1-249-402-11	CARBON	56	5%	1/4W	(C325M)

Ref. No.	Part No.	Description	Remark
		< SWITCH >	
⚠S201	1-571-722-11	SWITCH, VOLTAGE SELECTION (VOLTAGE SELECTOR) (E)	
		< CRYSTAL >	
X351	1-579-314-11	VIBRATOR, CRYSTAL (22.5MHz)	
**********			
		MISCELLANEOUS **********	
9	1-690-847-11	WIRE (FLAT TYPE) (37 CORE)	(C325M)
9	1-690-848-11	WIRE (FLAT TYPE) (33 CORE)	(C422M)
10	1-690-849-11	WIRE (FLAT TYPE) (11 CORE)	
64	1-694-003-11	JAMPER, FILM (WITH TARMINAL)	
⚠76	1-575-651-21	CORD, POWER (AEP,EE)	
⚠77	1-575-653-21	CORD, POWER (E)	
⚠78	1-574-358-11	CORD, POWER (WITH CONNECTOR)	(C422M:AUS)
⚠78	1-574-358-31	CORD, POWER (WITH CONNECTOR)	(C325M:AUS)
⚠79	1-558-946-21	CORD, POWER	(C325M:UK)
⚠79	1-590-379-11	CORD, POWER	(C422M:UK)
⚠80	1-569-007-11	ADAPTER, CONVERSION 2P	(C325M:E)
* 106	1-452-538-11	MAGNET	
111	1-590-849-11	WIRE, FLAT TYPE (5 CORE)	
⚠156	8-848-144-11	DEVICE, OPTICAL KSS-240A	
157	1-575-001-11	WIRE, FLAT TYPE (12 CORE)	
M101	X-4917-504-1	MOTOR ASSY, SLED	
M102	X-4917-523-3	MOTOR ASSY, SPINDLE	
M701	A-4604-585-A	MOTOR ASSY, ROTARY	
M702	A-4604-834-A	MOTOR ASSY, LOADING	
S701	1-572-713-11	SWITCH, PUSH (WITH CONNECTOR)	(DOWN)
⚠T901	1-449-955-11	TRANSFORMER, POWER	(EXCEPT E)
⚠T901	1-449-956-11	TRANSFORMER, POWER	(E)
**********			

Note : The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
		ACCESSORIES & PACKING MATERIALS	
		**********	
	1-558-271-11	CORD, CONNECTION (C325M:AEP)	
	1-558-271-11	CORD, CONNECTION (C422M:AEP,EE)	
	1-693-053-11	REMOTE COMMANDER (RM-D325) (C325M)	
	2-181-754-01	COVER, BATTERY (C325M)	
	3-754-847-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE)	
	3-754-847-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP,EE)	
*	4-944-040-01	CUSHION (FRONT)	
*	4-944-041-01	CUSHION (REAR)	
*	4-951-269-11	INDIVIDUAL CARTON (C325M)	
*	4-951-269-21	INDIVIDUAL CARTON (C422M:AEP,EE,AUS)	

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HARDWARE LIST

#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S
#2	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S
#3	7-682-661-09	SCREW +PSW 4X8
#4	7-685-136-19	SCREW +P 2.6X12 TYPE2 NON-SLIT
#5	7-685-647-79	SCREW, TAPPING
#6	7-682-548-04	SCREW +BVTT 3X8 (S)
#7	7-682-554-04	SCREW +B 3X25
#8	7-621-255-15	SCREW +P 2X3

9-957-089-12

Sony Corporation
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